



10/709409

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : 6,965,512 B2  
Issue Date : Nov. 15, 2005  
Inventor : King-Tung Huang; Hsin-Chien Wang  
          Chu-Hsian Chian; Chi-Min Hung  
          Yu-Jen Liu  
Docket No.: WISP0052USA

**Certificate**  
**MAR 28 2006**  
**of Correction**

Title: FOLDING FRAME INCLUDING A ROTATABLE HOOK

To: Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

Subject: Request for Certificate of Correction of Office Mistake

The name of the assignee listed on the front page of the Patent is incorrect (Attachment 1). Documents on record indicate this as an Office mistake of consequence.

The applicant hereby requests that a Certificate of Correction be issued under 37 CFR 1.322 to correct the name of the assignee from **Winstron Corporation** to **Wistron Corporation** which was correctly listed on the Fee Transmittal submitted on 09/06/2005 (Attachment 2). The Notice of Recordation dated 05/04/2004 (Attachment 3).

Respectfully submitted,

Winston Hsu

Date: 03.23.2006

Winston Hsu, Patent Agent No. 41,526

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(Note: Please leave a message in my voice mail if you need to talk to me. The time in D.C. is 13 hours behind the Taiwan time, i.e. 9 AM in D.C. = 10 PM in Taiwan).



PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/709,409	
	Filing Date	05/03/2004	
	First Named Inventor	King-Tung Huang	
	Art Unit	2835	
	Examiner Name	EDWARDS, ANTHONY Q	
Total Number of Pages in This Submission	8	Attorney Docket Number	WISP0052USA

ENCLOSURES (Check all that apply)			
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC	
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences	
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)	
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information	
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter	
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):	
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<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	2. Copy of Fee Transmittal submitted on 09/06/2005	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	3. Copies of the Notice of Recordation dated 05/04/2004	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	Remarks  Request for Certificate of Correction of Office Mistake	4. Copy of the Front Page of Patent	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53			
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>			
Firm Name	North America Intellectual Property Corporation		
Signature	<i>Winston Hsu</i>		
Printed name	Winston Hsu		
Date	3/23/2006	Reg. No.	41,526

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature	<i>Stephanie Lai</i>		
Typed or printed name	Stephanie Lai	Date	3/23/2006

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PTO/SB/17 (12-04v2)

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**0.00****Complete if Known**

Application Number	10/709,409
Filing Date	05/03/2004
First Named Inventor	King-Tung Huang
Examiner Name	EDWARDS, ANTHONY Q
Art Unit	2835
Attorney Docket No.	WISP0052USA

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: **50-3105** Deposit Account Name: North America Intellectual Property Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
		Small Entity Fee (\$)		Small Entity Fee (\$)		Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	=	

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	=	

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50	(round up to a whole number) x	=	

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_

**SUBMITTED BY**

Signature	<i>Winston Hsu</i>	Registration No. (Attorney/Agent)	41,526	Telephone	3027291562
Name (Print/Type)	Winston Hsu	Date	3/23/2006		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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US006965512B2

WIS-5v

(12) **United States Patent**  
Huang et al.

(10) Patent No.: **US 6,965,512 B2**  
(45) Date of Patent: **Nov. 15, 2005**

(54) **FOLDING FRAME INCLUDING A ROTATABLE HOOK**

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

6,125,040 A \* 9/2000 Nobuchi et al. .... 361/726  
6,517,129 B1 \* 2/2003 Chien et al. .... 292/251.5  
6,628,509 B2 \* 9/2003 Kono ..... 361/681  
6,659,516 B2 \* 12/2003 Wang et al. .... 292/251.5

\* cited by examiner

*Primary Examiner*—Lynn Feild  
*Assistant Examiner*—Anthony Q. Edwards  
(74) *Attorney, Agent, or Firm*—Winston Hsu

(57) **ABSTRACT**

A folding frame includes an upper body, a lower body, a fixing device disposed on the upper body, a hook rotatably coupled to the lower body, and a fastener for rotating the hook opposite to the lower body. The fastener comprises a shaft of which a first end is coupled to the hook, a spring of which a first end is coupled to a second end of the shaft, and a latch pin capable of moving the spring thereby moving the shaft for rotating the hook, and of which a first end of the latch pin is coupled to a second end of the spring. The hook is unhooked from the fixing device when the hook is rotated into the lower body, and the hook is engaged with the fixing device when the hook is rotated out from the lower body.

**23 Claims, 8 Drawing Sheets**

(75) Inventors: King-Tung Huang, Taipei Hsien (TW);  
Hsin-Chien Wang, Taipei Hsien (TW);  
Chu-Hsian Chian, Taipei Hsien (TW);  
Chi-Min Hung, Taipei Hsien (TW);  
Yu-Jen Liu, Taipei Hsien (TW)

Please correct  
into "Wistron  
Corporation" ←

(73) Assignee: **Winstron Corporation** Hsi-Chih (TW)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

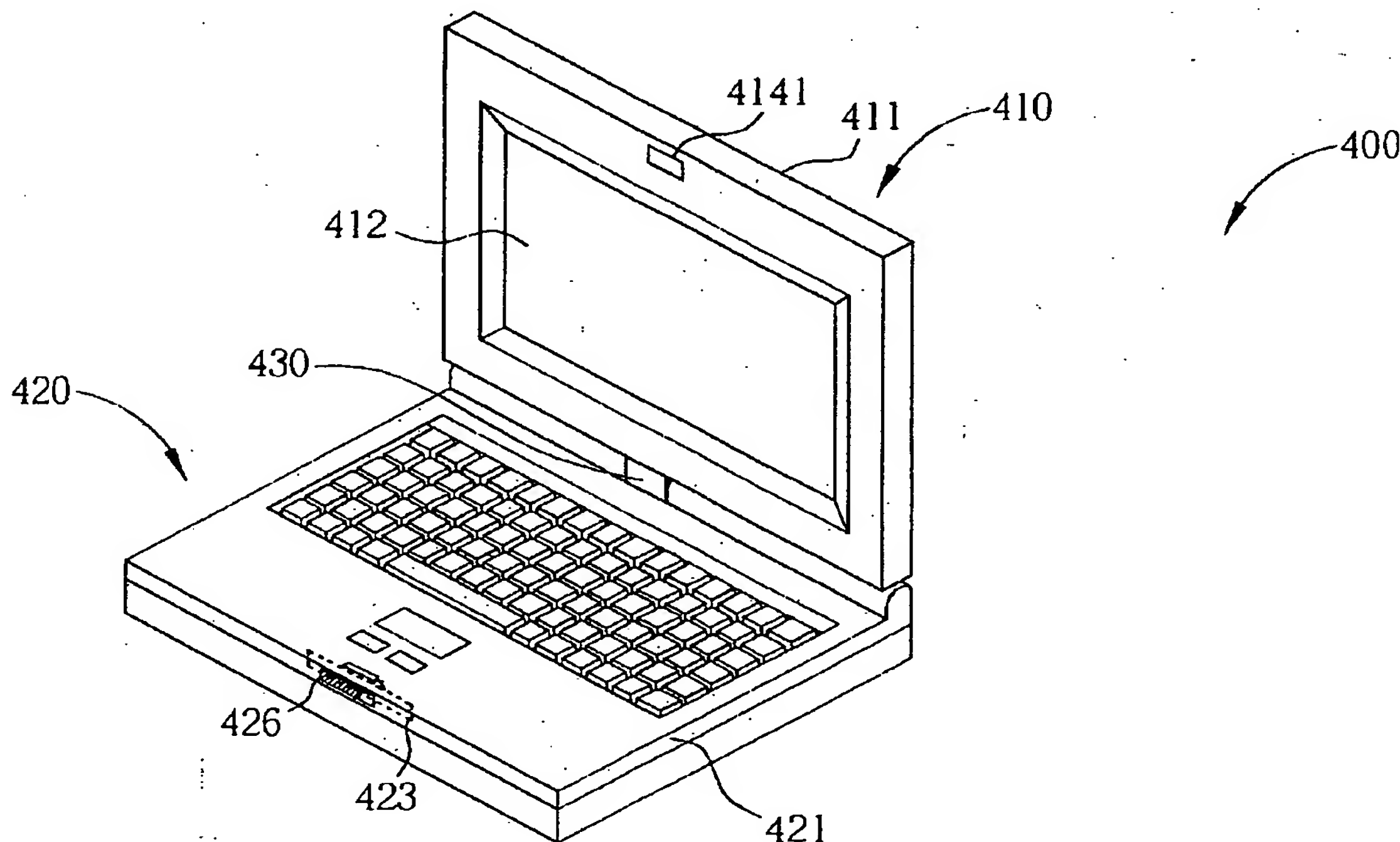
(21) Appl. No.: **10/709,409**

(22) Filed: **May 3, 2004**

(65) **Prior Publication Data**  
US 2005/0168923 A1 Aug. 4, 2005

(30) **Foreign Application Priority Data**  
Feb. 3, 2004 (TW) ..... 93102415 A

(51) Int. Cl.<sup>7</sup> ..... **G06F 1/16**  
(52) U.S. Cl. .... **361/683; 292/251.5**  
(58) Field of Search ..... **361/680-683;**  
16/255; 70/58, 158, 159; 292/251.5, 121







Attachment &gt;

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

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## Certificate of Mailing or Transmission

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SAMMI CHANG

(Depositor's name)

*Sammi Chang*

(Signature)

September 06, 2005

(Date)

PATENT NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/709,409	05/03/2004	King-Tung Huang	WISP0052USA	3408

TITLE OF INVENTION: FOLDING FRAME INCLUDING A ROTATABLE HOOK

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	11/17/2005
EXAMINER	ART UNIT	CLASS-SUBCLASS			
EDWARDS, ANTHONY Q	2835	361-683000			

Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Winston Hsu

2

3

ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Wistron Corporation

21F, 88, Sec. 1, Hsin-Tai-Wu Rd., Hsi-Chih City, Taipei Hsien, Taiwan, R.O.C.

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

The following fee(s) are enclosed:

☒ Issue Fee☒ Publication Fee (No small entity discount permitted)☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-3105 (enclose an extra copy of this form).

Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

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Authorized Signature

*Winston Hsu*

Date

09/06/2005

Typed or printed name

Winston Hsu

Registration No.

41,526

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Attachment 7



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MAY 04, 2004

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Zoe Tseng

2004/5/17

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RECORDATION DATE: 05/03/2004

REEL/FRAME: 014562/0565  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
/ HUANG, KING-TUNG

DOC DATE: 04/28/2004

ASSIGNOR:  
> WANG, HSIN-CHIEN

DOC DATE: 04/28/2004

ASSIGNOR:  
} CHIAN, CHU-HSIAN

DOC DATE: 04/28/2004

ASSIGNOR:  
^ HUNG, CHI-MIN

DOC DATE: 04/28/2004

ASSIGNOR:  
< LIU, YU-JEN

DOC DATE: 04/28/2004

014562/0565 PAGE 2

ASSIGNEE:

WISTRON CORPORATION

21F, 88, SEC. 1, HSIN-TAI-WU RD.,  
HSI-CHIH CITY  
TAIPEI HSIEN, TAIWAN

SERIAL NUMBER: 10709409  
PATENT NUMBER:

FILING DATE:  
ISSUE DATE:

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ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS